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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	Docket No.: 016472-0311707
	)	
Soheil SHAMS	)	Confirmation No.: 3936
	)	
Serial No.: 10/658,763	)	Examiner: Gregory M. Desire
	)	
Filed: September 10, 2003	)	Group Art Unit: 2625
For: AUTOMATED DNA ARRAY IMAGE SEGMENTATION AND ANALYSIS		

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby makes of record in the above-identified application the documents listed on the attached Form PTO-1449.

Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated. Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not an issue.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

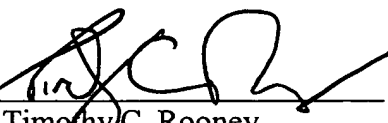
This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. 1.114. No certification or fee is required. 37 C.F.R. 1.97(b).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449.

Respectfully submitted,

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Dated: August 5, 2005

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
016472-0311707	10/658,763
Applicant(s)	
Soheil SHAMS	
Filing Date	Group Art Unit
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

1A	BIO013 - M. S. BOGUSKI and G. D. SCHULER, "Establishing a Human Transcript Map", <u>Nature Genetics</u> , Volume 10, No. 4, 1995, pages 369-371.
1B	BIO014 - G. D. SCHULER, M. S. BOGUSKI, <i>et al.</i> , "A Gene Map of the Human Genome", <u>Science</u> , Volume 274, Issue 5287, October 25, 1996, pages 540-546.
1C	BIO016 - J. DeRISI, L. PENLAND, P. O. BROWN, M. L. BITTNER, P. S. MELTZER, M. RAY, Y. CHEN, Y. A. SU, and J. M. TRENT, "Use of a cDNA Microarray to Analyze Gene Expression Patterns in Human Cancer", <u>Nature Genetics</u> , Volume 14, No. 4, December 1996, pages 457-460.
1D	BIO031 - M-L. T. LEE, F. C. KUO, G. A. WHITMORE, J. SKLAR, "Importance of Replication in Microarray Gene Expression Studies: Statistical Methods and Evidence from Repetitive cDNA Hybridizations", <u>Proceedings of the National Academy of Science</u> , Volume 97, No. 18, August 29, 2000, pages 9834-9839.
1E	BIO033 - R. ADAMS and L. BISCHOF, "Seeded Region Growing", <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , Vol. 16, No. 6, June 1994, pages 641-647.
1F	BIO034 - I. H. WITTEN and E. FRANK, "Data Mining, Practical Machine Learning Tools and Techniques with Java Implementations", Morgan Kaufmann Publishers, 2000.
1G	BIO054 - SAS Procedure FASTCLUS, "SAS/STAT 9.1 User's Guide," SAS Institute Inc., 2004, available at <a href="http://support.sas.com/documentation/onlinedoc/91pdf/index_913.html#base">http://support.sas.com/documentation/onlinedoc/91pdf/index_913.html#base</a>
1H	BIO056 - Michael B. EISEN, Paul T. SPELLMAN, Patrick O. BROWN, and David BOTSTEIN, "Cluster Analysis and Display of Genome-Wide Expression Patterns," <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 95, December 1998, pp. 14863-14868, available at <a href="http://www.pnas.org/cgi/content/full/95/25/14863">http://www.pnas.org/cgi/content/full/95/25/14863</a>
1I	BIO058 - "GeneSight Users Manual," Version 2.1, BioDiscovery, Inc., 2001
1J	BIO059 - "GeneSight Users Manual," Draft #1 for Version 3.0, BioDiscovery, Inc., August 31, 2001
1K	BIO060 - "GeneSight Users Manual," Draft #1 for Version 3.1.3, BioDiscovery, Inc., March 28, 2002
1L	BIO061 - "GeneSight Users Manual," Version 3.5, BioDiscovery, Inc., September 3, 2002
1M	BIO062 - "GeneSight Users Manual," Version 4.0, BioDiscovery, Inc., October 2003
1N	BIO063 - "GeneSight Users Manual," Version 4.1, BioDiscovery, Inc., 2003

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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